

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	hagstrom-tomas-\$.in.	US-PGPUB; USPAT	OR	OFF	2006/03/03 16:25
L2	0	soderkvist-peter-\$.in.	US-PGPUB; USPAT	OR	OFF	2006/03/03 16:25
L3	1	backvall-jan-\$.in.	US-PGPUB; USPAT	OR	OFF	2006/03/03 16:25

L6 ANSWER 21 OF 90 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:241988 CAPLUS

DOCUMENT NUMBER: 138:248958

TITLE: Methods and formulations of steroid compounds to modulate the immune and cellular response in various pathological states.

INVENTOR(S): Ahlem, Clarence N.; Frincke, James M.; Dos Anjos De Carvalho, Luis Daniel; Heggie, William; Prendergast, Patrick T.; Reading, Christopher L.; Thadikonda, Krupakar Paul; Vernon, Russell N.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 161 pp., Cont.-in-part of U.S. Ser. No. 675,470.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003060425	A1	20030327	US 2001-820483	20010329
US 6667299	B1	20031223	US 2000-535675	20000323
EP 1422234	A2	20040526	EP 2004-3521	20000323
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
ZA 2001003845	A	20020513	ZA 2001-3845	20010511
ZA 2001003852	A	20020611	ZA 2001-3852	20010511
ZA 2001006980	A	20030123	ZA 2001-6980	20010823
CA 2439687	AA	20020912	CA 2002-2439687	20020301
WO 2002069977	A1	20020912	WO 2002-US6708	20020301
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003083231	A1	20030501	US 2002-87929	20020301
EP 1372664	A1	20040102	EP 2002-709780	20020301
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JP 2004537506	T2	20041216	JP 2002-569152	20020301
US 2004043973	A1	20040304	US 2002-319356	20021213
US 2004116359	A1	20040617	US 2002-329065	20021221
US 2004220114	A1	20041104	US 2003-602330	20030623
US 2004097406	A1	20040520	US 2003-607035	20030625
US 2004220161	A1	20041104	US 2003-741929	20031219
US 2005282732	A1	20051222	US 2004-876957	20040624
US 2005159366	A1	20050721	US 2004-890490	20040713
US 2005075321	A1	20050407	US 2004-949782	20040923
US 2005256095	A1	20051117	US 2004-949694	20040923
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			US 1999-124087P	P 19990311
			US 1999-126056P	P 19990323
			US 1999-137745P	P 19990603

US 1999-140028P	P 19990616
US 1999-145823P	P 19990727
US 1999-414905	B2 19991008
US 1999-161453P	P 19991025
US 1999-449004	B2 19991124
US 1999-449042	B2 19991124
US 1999-449184	B2 19991124
US 1999-461026	B2 19991215
US 2000-535675	A2 20000323
US 2000-586672	B2 20000601
US 2000-586673	B2 20000601
US 2000-675470	A2 20000928
US 2000-257071P	P 20001220
US 1999-164048P	P 19991108
US 2000-190140P	P 20000316
EP 2000-918365	A3 20000323
US 2001-272624P	P 20010301
US 2001-820483	A 20010329
US 2001-323016P	P 20010910
US 2001-328738P	P 20011011
US 2001-340054P	P 20011101
US 2001-338015P	P 20011108
US 2001-340045P	P 20011130
US 2001-343523P	P 20011220
WO 2002-US6708	W 20020301
US 2002-329065	A1 20021221

OTHER SOURCE(S): MARPAT 138:248958

AB The invention provides compns. comprised of steroids, e.g., 16 α -bromo-3 β -hydroxy-5 α -androstan-17-one hemihydrate and one or more excipients, including compns. that comprise a liquid formulation comprising less than about 3% volume/volume water. The compns. are useful to make improved pharmaceutical formulations. The invention also provides methods of intermittent dosing of steroid compds. such as analogs of 16 α -bromo-3 β -hydroxy-5 α -androstan-17-one and compns. useful in such dosing regimens. The invention further provides compns. and methods to inhibit pathogen replication, ameliorate symptoms associated with immune dysregulation and to modulate immune responses in a subject using the compds. The invention also provides methods to make and use these immunomodulatory compns. and formulations.

IT 2226-66-6 2697-85-0 459812-86-3
459812-90-9

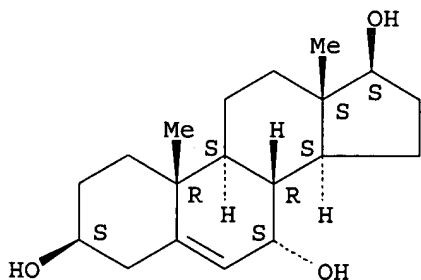
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(methods and formulations of steroid compds. to modulate the immune and cellular response in various pathol. states)

RN 2226-66-6 CAPLUS

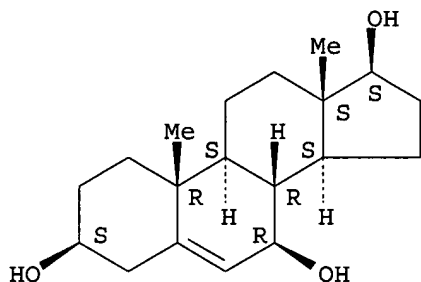
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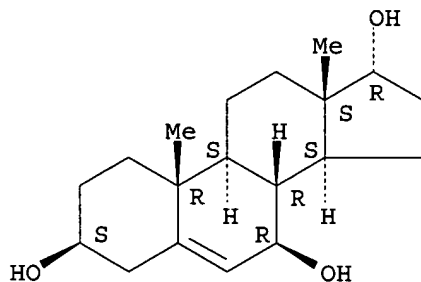
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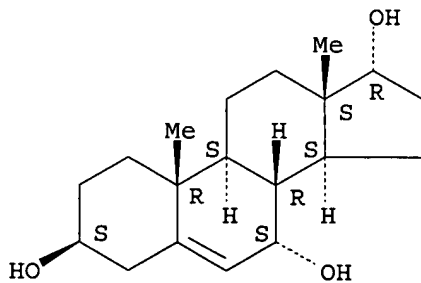
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 NAME)

Absolute stereochemistry.



RN 459812-90-9 CAPLUS
 CN Androst-5-ene-3,7,17-triol, (3 β ,7 α ,17 α) - (9CI) (CA INDEX
 NAME)

Absolute stereochemistry.



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(FILE 'HOME' ENTERED AT 15:57:17 ON 03 MAR 2006)

FILE 'REGISTRY' ENTERED AT 15:57:33 ON 03 MAR 2006

L1 STRUCTURE UPLOADED
L2 0 SEA SSS SAM L1
L3 145 SEA SSS FUL L1
L4 STRUCTURE UPLOADED
L5 74 SEA SUB=L3 SSS FUL L4

FILE 'CAPLUS' ENTERED AT 16:01:53 ON 03 MAR 2006

L6 90 SEA ABB=ON PLU=ON L5
D IBIB AB HITSTR 1-90

FILE 'STNGUIDE' ENTERED AT 16:07:38 ON 03 MAR 2006

FILE 'MARPAT' ENTERED AT 16:24:05 ON 03 MAR 2006

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 MAR 2006 HIGHEST RN 875740-40-2

DICTIONARY FILE UPDATES: 2 MAR 2006 HIGHEST RN 875740-40-2

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*
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* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

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FILE CAPLUS

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FILE LAST UPDATED: 2 Mar 2006 (20060302/ED)

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FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Feb 24, 2006 (20060224/UP).

FILE MARPAT
FILE CONTENT: 1969-PRESENT (VOL 144 ISS 9 (20060224/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1969-1987

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

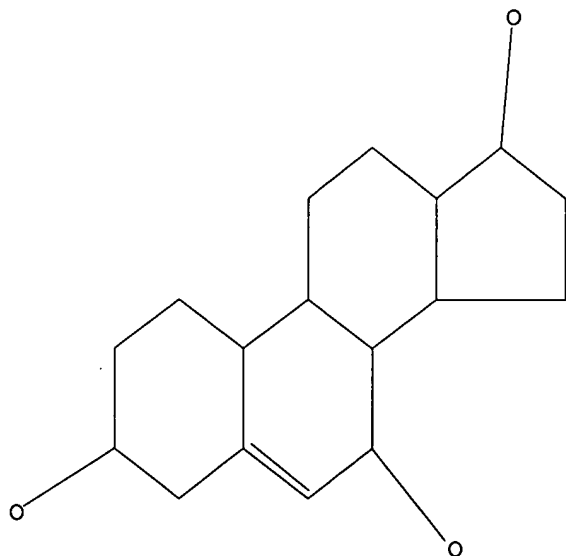
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DE	2020050148977	22	DEC	2005
EP	1605533	14	DEC	2005
JP	2005353222	22	DEC	2005
WO	2006003494	12	JAN	2006

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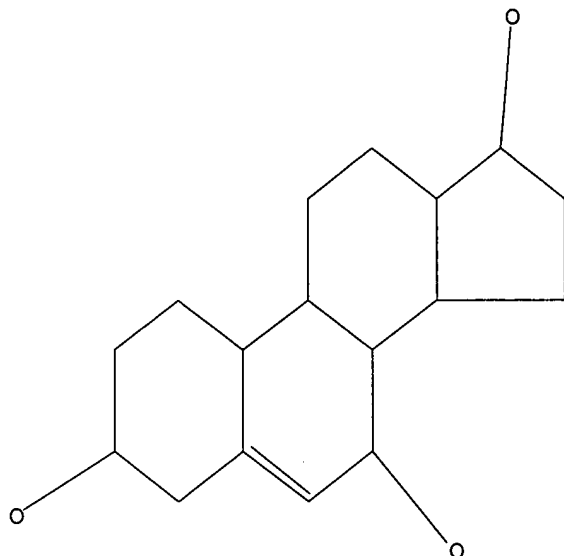
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L1 STR



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L3 145 SEA FILE=REGISTRY SSS FUL L1
L4 STR



Structure attributes must be viewed using STN Express query preparation.

L5 74 SEA FILE=REGISTRY SUB=L3 SSS FUL L4
L6 90 SEA FILE=CAPLUS ABB=ON PLU=ON L5